

Europass Curriculum Vitae

Personal information



First name(s) / Surname(s) **Delfim Diogo Ferreira Duarte**

Address Rua Carvalho Araújo, 158, 4200-158 Porto (Portugal)

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E-mail(s) delfimdiogo@gmail.com

Nationality Portuguese

Date of birth 18 April 1988

Gender Male

Work experience

Dates February 2007 – present

Occupation or position held Research trainee

Main activities and responsibilities Working in a PhD project. Part of a research team working in the effect of natural polyphenols in angiogenesis and inflammation. Planning, designing and executing experiments on retinal angiogenesis and microparticles as biomarkers of metabolic syndrome in asthma patients.

Name and address of employer Department of Biochemistry
Al. Prof. Hernâni Monteiro, 4200-319 Porto (Portugal)

Type of business or sector Biochemistry laboratory

Dates 29 June 2010 - 02 July 2010

Occupation or position held Visiting student

Main activities and responsibilities Training of the technique "Retinal Angiogenesis" (including retinal dissection)

Name and address of employer Professor Russell Foster, Nuffield Laboratory of Ophthalmology, University of Oxford
Levels 5 & 6, West Wing, John Radcliffe Hospital, Headley Way, OX3 9DU Oxford (United Kingdom)

Type of business or sector Laboratory of Ophthalmology

Education and training

Dates September 2006 - present

Principal subjects / occupational skills covered Anatomy, Biochemistry, Cellular and Molecular Biology, Physiology, Immunology, Pathology, Pharmacology, Microbiology, Epidemiology, Surgery, Internal Medicine, Neurology, Radiology, Orthopedics, Otolaryngology, Ethics, Pediatrics, Ophthalmology

Name and type of organisation providing education and training Faculty of Medicine, University of Porto
Al. Prof. Hernâni Monteiro, 4200-319 Porto (Portugal)

Level in national or international classification 15/20

Personal skills and competences

Mother tongue(s) **Portuguese**

Other language(s)

Self-assessment
European level (*)

English
Spanish
French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user
B2	Independent user	B1	Independent user	B2	Independent user	B2	Independent user	A2	Basic User
A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User

(*) [Common European Framework of Reference \(CEF\) level](#)

Participation in research projects

- Microparticles as biomarkers of metabolic syndrome in asthma patients (2010-2011)
- The retina as a model of angiogenesis in diabetic retinopathy (2010-2011)
- The retina as a model of developmental angiogenesis (2009-2011)
- *In vivo* modulation of inflammation and angiogenesis by natural polyphenols (2008-2009)
- *In vitro* modulation of angiogenesis by beer and wine-derived polyphenols (2007-2008)

Conferences attended

- Investigação Jovem da Universidade do Porto – IJUP 2011. Organized by the University of Porto. 17-19 February 2011.
- 2011 Champalimaud Cancer Research Symposium – in tribute to the work of Judah Folkman. Organized by Champalimaud Foundation. Lisbon, 14-15 January 2011.
- 2nd Annual Symposium. Harvard Medical School – Portugal Program. Fundação de Serralves, Porto, 3-4 December 2010.
- 2nd Metabolism Symposium – Metabolic Regulation. Organized by the Department of Biochemistry, University of Porto. 28 September 2010.
- Ciência 2010 – Encontro com a Ciência e Tecnologia. Centro de Congressos de Lisboa. 4-7 July 2010.
- Portuguese representative on the WHO Youth Network at the 5th Ministerial Conference on Environment and Health, Parma, Italy. Organized by the World Health Organization – WHO Europe. Parma, Italy, 10-12 March 2010.
- Investigação Jovem da Universidade do Porto – IJUP 2010. Organized by the University of Porto. 17-19 February 2010.
- 1st Metabolism Symposium. Organized by the Department of Biochemistry, University of Porto. 8 October 2009.
- Investigação Jovem da Universidade do Porto – IJUP 2009. Organized by the University of Porto. 25-27 February 2009.
- 15th International Student Congress of Medical Sciences – ISCOMS 2008. 3-6 June 2008.
- Investigação Jovem da Universidade do Porto – IJUP 2008. Organized by the University of Porto. 20-22 February 2008.
- Ciclo de Colóquios 2005 Medicina e Cancro – Procurando vencer o cancro: A hora dos tratamentos “biológicos”, organized by IPATIMUP (2005).
- Chemistry Olympics 2005 – Semifinals. Organized by the Department of Chemistry of the Faculty of Sciences, University of Porto.

Courses

- “CEMEFs – Curtos Estágios Médicos em Férias”, organized by ANEM, at the Dept of Vascular Surgery, Santo António Hospital. (August 2010).
- Workshop “Photograph in Architecture”, organized by the University of Porto (April 2010).
- “Scientific Insight @ Porto: The clinical researcher”, organized by ANEM (May 2009).
- “Stress: biology, environment and health”, organized by the Dept of Biochemistry, Faculty of Medicine, University of Porto (March 2009)
- “IPATIMUP guided visits”, organized by AEFMUP and IPATIMUP (November 2008).

Communications in conferences

- Oral presentations
- By Invitation
- "Research in Medical School" Symposium. Biochemistry I course. (October 2010)
 - "Research in Medical School" Symposium. Biochemistry I course. (October 2008)
 - "Research in FMUP" Symposium. Organized by AEFMUP. (2008)
- Oral presentations
- Retinal angiogenesis in isoxanthohumol-treated mice. Duarte D, Costa R, Soares R and Negrão R. *Investigação Jovem da Universidade do Porto – IJUP* 2011. 17-19 February 2011.
 - Modulation of angiogenesis and inflammation by beer polyphenols: in vivo effects. Taveira T, Duarte D, Costa R, Soares R and Negrão R. *Investigação Jovem da Universidade do Porto – IJUP* 2010. 17-19 February 2010.
 - Beer polyphenols modulate angiogenesis and inflammation: in vitro and in vivo results. Costa R, Mendanha M, Duarte D, Taveira T, Soares R and Negrão R. VIII Congresso de Nutrição e Alimentação (APN). 28-29 May 2009.
 - "In vivo models for evaluating angiogenesis modulation by polyphenols". Duarte D, Taveira T, Costa R, Soares R and Negrão R. *Investigação Jovem da Universidade do Porto – IJUP* 2009. 25-27 February 2009.
 - Modulation of angiogenesis by catechin. Silva RP, Duarte DD, Azevedo I, Soares R and Negrão R. II CIBEME-II Congresso Ibérico de Estudantes de Medicina. 29-31 October 2008.
 - "Modulation of angiogenesis by catechin". Duarte D, Silva R, Azevedo I, Soares R and Negrão R. 15th International Student Congress of Medical Sciences – ISCOMS 2008. 3-6 June 2008.
 - "Angiogenesis modulation by catechin". Duarte D, Silva R, Azevedo I, Soares R and Negrão R. *Investigação Jovem da Universidade do Porto – IJUP* 2008. 20-22 February 2008.
- Poster presentations
- The effect of xanthohumol-supplemented beer on angiogenic and inflammatory in vivo assays. Costa R, Duarte D, Taveira Gomes T, Pirraco A, Coelho P, Guardão L, Soares R and Negrão R. *Investigação Jovem da Universidade do Porto – IJUP* 2011. 17-19 February 2011.
 - Consumption of a xanthohumol supplemented beer alters skin wound-healing process - angiogenesis and inflammation regulation. Negrão R, Costa R, Duarte D, Taveira Gomes T, Coelho P, Pirraco A, Guimarães JT, Guardão L, Azevedo I, Soares R. Cell Symposium - Inflammation and Disease, Lisbon 26-28 September 2010.
 - CO2, Polénes e Alergias. Pizarro G, Duarte D, Taveira-Gomes T. 5th Ministerial Conference on Environment and Health, Parma, Italy. Organized by the World Health Organization – WHO Europe (March 2010). 10-12 March 2010.
 - Angiogenic and Inflammatory activities are modulated in vivo by polyphenol supplemented beer. Negrão R, Costa R, Duarte D, Taveira T, Mendanha M, Soares R. Experimental Biology 2010 (FASEB) Anaheim, California, EUA, 24-28 April 2010.
 - Inhibition of angiogenesis and inflammation by a xanthohumol-enriched beer in a rat skin-wound healing model. Costa R, Magalhães PJ, Duarte D, Taveira T, Mendanha M, Soares R Negrão R. *Investigação Jovem da Universidade do Porto – IJUP* 2011. 17-19 February 2010.
 - Beer Polyphenols Regulate Angiogenic and Inflammation Processes: In vivo Results. Negrão R, Costa R, Mendanha M, Taveira T, Duarte D, Soares R. 49th Annual Meeting of The American Society for Cell Biology (ASCB) SanDiego, CA, EUA, 5-9 December 2009.
 - In vivo effects of beer polyphenols: angiogenesis and inflammation as targets. Negrão R, Costa R, Mendanha M, Duarte D, Taveira T, Soares R. 4th International Conference on Polyphenols and Health (ICPH). Yorkshire, England 7-10 December 2009.
 - Angiogenic and inflammatory activities modulated by Beer Polyphenols – taking skin-wound healing as a model. Costa R, Taveira T, Duarte D, Mendanha M, Soares R and Negrão R. IV YES Meeting – Young European Scientist Meeting 2009. 25-27 September 2009.
 - In vivo and in vitro effects of catechin on angiogenic and inflammatory processes. Costa R, Duarte D, Taveira T, Soares R and Negrão R. VIII Congresso de Nutrição e Alimentação (APN). Porto, 28-29 May 2009.
 - Modulation effect of catechin in angiogenesis and inflammation. Negrão R, Moura L, Duarte DD, Silva RP, Azevedo I, Soares R. Experimental Biology 2009 (FASEB). 18-22 April 2009.

Publications	<ul style="list-style-type: none"> - In vitro modulation of angiogenesis by catechin. <u>Duarte DD</u>, Silva RP, Azevedo I, Soares R and Negrão R. XXIV Conference Internationale sur les Polyphenols. Salamanca, 8-11 July 2008.
Full-paper publications	<ul style="list-style-type: none"> - Hypertension and angiogenesis in the aging kidney: A review. <u>Duarte D</u>, Santos-Araújo C, Leite-Moreira AF. Arch Gerontol Geriatr. 2010 Dec 20. - Angiogenesis and inflammation signaling are targets of beer polyphenols on vascular cells. Negrão R, Costa R, <u>Duarte D</u>, Taveira Gomes T, Mendanha M, Moura L, Vasques L, Azevedo I, Soares R. J Cell Biochem. 2010 Dec 1;111(5):1270-9. doi: 10.1002/jcb.22850.
Abstract publications	<ul style="list-style-type: none"> - Beer Polyphenols Regulate Angiogenic and Inflammation Processes: In vivo Results. Negrão R, Costa R, Mendanha M, Taveira T, <u>Duarte D</u>, Soares R (2009) Mol Biol Cell 20 (Suppl): A-1697 - Angiogenic and Inflammatory activities are modulated in vivo by polyphenol supplemented beer. Negrão R, Costa R, <u>Duarte D</u>, Taveira Gomes T, Mendanha M, Soares R. FASEB J 2010 24:535.5 - Modulation effect of catechin in angiogenesis and inflammation. Negrão R, Moura L, <u>Duarte D</u>, Silva R, Soares R. FASEB J 2009 23:625.17
Other publications	<ul style="list-style-type: none"> - Research in medical school. <u>Duarte D</u>, Ferreira-Pinto M, Taveira T. BI – Boletim Informativo AEFMUP. May 26, 2009.
Research grants	<ul style="list-style-type: none"> - Projectos Pluridisciplinares para estímulo à Iniciação à Investigação na U.Porto, financiado pela U.Porto /Santander Totta. <u>Duarte D</u>, Taveira-Gomes T. Project: “Modulation of angiogenesis and inflammation by red wine and beer-derived polyphenols- In vivo effects.” Amount: 4.000€ (2009/2010). - Fundação Professor Ernesto Morais – Apoio Monetário Genética e Imunologia. <u>Duarte D</u>, Taveira-Gomes T. Project: “Micropartículas com Biomarcadores de Síndrome Metabólica em Doentes Asmáticos”. Amount: 15.000€ (2009/2010). - iBeSa-Instituto de Bebidas e Saúde – Apoio financeiro para a divulgação dos resultados do projecto: “Efeito de polifenóis presentes na cerveja na modulação da angiogénese e inflamação” Amount: 1.000€ (2008/2009).
Prizes and awards	<ul style="list-style-type: none"> - 1st Prize - Level 2 (20-24 years) of the contest “Ambiente & Saúde – O papel dos jovens num mundo em mudança”, promoted by Agência Portuguesa do Ambiente, Direcção-Geral da Saúde, Alto Comissariado da Saúde and Instituto Português da Juventude. “CO2, Polénes e Alergias”. Pizarro G, <u>Duarte D</u>, Taveira-Gomes T. December 2009. - 1st Prize Post-Graduate Oncology & Molecular Biology at the 4th Young European Scientist – YES Meeting 2009. Angiogenic and inflammatory activities modulated by Beer Polyphenols – taking skin-wound healing as a model (poster). Costa R, Taveira T, <u>Duarte D</u>, Mendanha M, Soares R and Negrão R. 25-27 September 2009. - 3rd Prize at the VIII Congresso of Nutrition and Food (APN). Beer polyphenols modulate angiogenesis and inflammation: in vitro and in vivo results. Costa R, Mendanha M, <u>Duarte D</u>, Taveira T, Soares R and Negrão R. 28-29 May 2009.

Conferences Organization

- President of the 6th Young European Scientist – YES Meeting 2011.
- Vice-President and Scientific Program of the 5th Young European Scientist – YES Meeting 2010.
- Vice-President and Scientific Program of the 4th Young European Scientist – YES Meeting 2009.
- Scientific Program of the 3rd Young European Scientist – YES Meeting 2008.

Other activities

- Member of the Pedagogic Council of the Faculty of Medicine, University of Porto (since March 2010).
- Member of the Executive Administration of the biomedical journal “Arquivos de Medicina”, property of Arquimed – Edições Científicas AEFMUP (since 2010).
- Editor of the biomedical journal “International Journal of Medical Students - IJMS” (since 2011)

Media

- Interviewed about his college experience on the television program “Europa XXI” of the tv channel “SIC Notícias”, 16th October 2010.
- Interviewed about the Young European Scientist – YES Meeting, by the medical journal “Notícias Médicas”, 22 September 2010.
- Interviewed about the Young European Scientist – YES Meeting on the television program “Consultório” of “Porto Canal” channel on September 20th 2010.
- Interviewed in the “People” section of the University of Porto Newsletter on December 7th 2009 for the attribution of the research grant Fundação Professor Ernesto Morais – Apoio Monetário Genética e Imunologia for the project: “Micropartículas com Biomarcadores de Síndrome Metabólica em Doentes Asmáticos”.
- Interviewed about the Young European Scientist – YES Meeting on the television program “Consultório” of “Porto Canal” channel on September 28th 2009.
- Interviewed about the conference IJUP 2008 and his research work “Angiogenesis modulation by catechin” on the program “Portugal em Directo” of the radio station “Antena 1”, on 26 February 2009.

Other qualifications

- First Certificate in English (June 2004)
- Basic course of piano – 4th degree (July 2005)



Apoio Monetário

A Fundação Professor Ernesto Morais, ao abrigo dos respectivos Estatutos, distingue os alunos

Delfim Duarte e Tiago Taveira e respectiva Orientadora, **Professora Doutora Raquel Soares**, da FMUP, pela proposta de trabalho de investigação científica com o título «*Micropartículas como marcadores de síndrome metabólico em doentes asmáticos*», considerada, pelo Conselho Científico da Fundação, como a melhor de entre todas as propostas recebidas e apreciadas, para atribuição do Apoio Monetário à Investigação, de Alunos de Medicina. Este apoio refere-se ao Ano Lectivo de 2008/09.

Porto, 15 de Dezembro de 2009
O Presidente da Fundação

HENRIQUE DE CARVALHO MORAIS



Fundação

Professor Ernesto Morais

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